In the Drawings:

The attached sheets include changes to Figures 3-8, 12-17 and 19-21.

Attachment: Replacement sheets for Figs. 3-8, 12-17 and 19-21.

REMARKS

Claims 1-28 are pending in this application.

Applicant has provided replacement sheets for Figures 3-8, 12-17 and 19-21 to overcome the Examiner's objection that the text is not readable.

The Examiner rejected claims 1-28 under 35 USC 112, second paragraph, as being incomplete for omitting essential structural cooperative relationships of elements. According to the Examiner, the omitted structural cooperative relationship is the relationship between a profiler and cases. Applicant has amended claims 1, 8, 15 and 22 to show the relationship between a profiler and cases. Support for this is found in paragraph [0067] of the specification. No new matter has been added, nor has the scope of the claims been narrowed by these amendments. This also disposes of the rejections to the remaining claims, which depend directly or indirectly from claims 1, 8, 15 and 22.

The Examiner objected to the specification under 35 USC 132(a) because the amendment filed on October 20, 2005 allegedly introduced new matter into the disclosure in several places. Applicant has amended paragraphs [0108], [0113], [0114], [0115], [0143], [0157] and [0159] to overcome the Examiner's objections and to correct a minor editorial issue. No new matter has been added.

Applicant respectfully traverses the Examiner's new matter objection regarding paragraph [0067]. Paragraph [0067] was amended to correct a minor editorial omission. Specifically, the sixth sentence in that paragraph was amended as follows: "Once a set of cases is determined, for example, by the use of one or more filters, the cases can then preferably be submitted to at least one of three or more Data Mining Engines 204." (The word added by the amendment is underlined). First, the sentence would be grammatically incorrect and illogical without the addition of the word "one," a simple change to correct an obvious omission. Second, and more important, this amendment did not add new matter. For example, the Abstract states in part "at least one data mining engine . . .." and "Preferably, the at least one data mining engine is

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selected from (1) a proportional analysis engine to assess deviations in a set of the reactions to the drug of interest; (2) a comparator to measure the reactions to the drug of interest against a user-defined backdrop, and (3) a correlator to look for correlated signal characteristics in drug/reaction/demographic information . . .." Similar support is also found in the Summary of Invention at paragraph [0021]. Thus, it is not adding new matter to fix an omission with obvious support in the disclosure and this objection should be withdrawn.

Entry of the amendments after final rejection is appropriate here as the amendments comply with the Examiner's objections or requirements as to form and place the application in condition for allowance or in better form for appeal.

In view of the above, each of the claims in this application is in condition for allowance. Accordingly, applicant solicits early action in the form of a Notice of Allowance.

In the event that the transmittal letter is separated from this document and the Patent and Trademark Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing Docket No. **597932000700**.

Respectfully submitted,

Dated: July 13, 2006   By: _____
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Attachment

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REPLACEMENT SHEETS